Index of Claims

| Application/C | Control No. |
|---------------|-------------|
|---------------|-------------|

Applicant(s)/Patent under Reexamination

10/075,195

Examiner

CLOUTIER ET AL.
Art Unit

**Emmanuel Coffy** 

2157

√ Rejected= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

|              |  | Щ                                       | <u> </u>     |              |  |  | ,        |  |              |                                     |
|--------------|--|---|--------------|--------------|--|--|----------|--|--------------|-------------------------------------|
| Cla          | im   | Date                                    |              |              |  |  |          |  |              |                                     |
| Final        | Original   | 9/15/05                                 |              |              |  |  |          |  |              |                                     |
|              | 1  | 1                                       | -            | ⊢            | $\vdash$   |  | $\vdash$ |  |              |                                     |
|              | 2  | 1                                       | $\vdash$     | $\vdash$     | ┢  | $\vdash$   | $\vdash$ | _  |              |                                     |
|              | 3  | V                                       | -            | -            | -  |  | $\vdash$ |  |              |                                     |
|              | 4  | Ì                                       |              | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ |  |              |                                     |
|              | 5  | 1                                       | _            | $\vdash$     | $\vdash$   | _  | _        |  |              |                                     |
|              | 1<br>2<br>3<br>4<br>5<br>6   | 1                                       |              | $\vdash$     |  | _  |          |  |              |                                     |
|              | 7  | 1 |              |              |  |  |          |  |              |                                     |
|              | 8  | V                                       |              |              |  |  |          |  |              |                                     |
|              | 8<br>9   | 1                                       |              |              |  |  |          |  |              |                                     |
|              | 10   | 1                                       |              |              |  |  | Ĺ        |  |              |                                     |
|              | 11   | 1                                       |              |              |  |  |          |  |              |                                     |
|              | 12   | 1                                       | <u> </u>     |              |  | $ldsymbol{ld}}}}}}$ | _        | _  |              |                                     |
|              | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | 7777                                    |              | <u> </u>     | $\vdash$   | $\vdash$   | <u> </u> | <u> </u>   | <u> </u>     | Ш                                   |
|              | 14   | 1                                       | -            | <b>.</b>     | _  | _  | _        | _  | _            |                                     |
| L            | 15   | 1                                       |              | -            |  |  | _        | _  |              |                                     |
|              | 16   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | H            | _            | _  | _  | _        | <u> </u>   | _            |                                     |
|              | 17   | -/                                      | ⊢            | -            |  | H  | ┝        | -  | <del> </del> |                                     |
|              | 10   | 1                                       | ├            | -            |  |  | ├        | -  | $\vdash$     |                                     |
|              | 20   | 1                                       | ├-           | -            |  | -  | _        | ┝  | _            | $\vdash$                            |
|              | 21   | J                                       | <del> </del> | -            | -  | $\vdash$   | $\vdash$ | $\vdash$   | _            |                                     |
|              | 22   | V                                       | -            | -            | _  | ┢  | -        | -  | _            | <del> </del>                        |
|              | 23   | 7777                                    | ┢═           |              |  |  | $\vdash$ | $\vdash$   |              | $\vdash$                            |
|              | 24   | 1                                       | $\vdash$     |              | _  |  | _        | _  | _            |                                     |
|              | 24<br>25   | 1                                       | T            |              |  |  | $\vdash$ | _  | _            |                                     |
|              | 26   | 1                                       |              |              |  |  |          |  | _            |                                     |
|              | 27   | 1                                       | Γ            |              |  |  |          |  |              |                                     |
|              | 26<br>27<br>28   | √                                       |              |              |  |  |          |  |              |                                     |
|              | 29   | √<br>√<br>√                             |              |              |  |  |          |  |              |                                     |
|              | 30<br>31   | 1                                       |              |              |  |  |          |  |              |                                     |
|              | 31   |   | 匚            | 匚            | 匚  | L  |          |  | _            |                                     |
|              | 32<br>33   | 1                                       | 匚            | <u> </u>     | <u> </u>   |  |          | L_   | _            | L_                                  |
|              | 33   | 1                                       | _            | <b> </b> _   | <u> </u>   | _  | _        | <u> </u>   | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
|              | 34   | V                                       | <u> </u>     | <u> </u>     | <b>—</b>   | <u> </u>   | $\vdash$ | _  | <u> </u>     | $\vdash$                            |
| <del></del>  | 35   | 1                                       | $\vdash$     | -            | -  | <u> </u>   | $\vdash$ | _  | $\vdash$     | -                                   |
| -            | 36   | 1                                       | $\vdash$     | $\vdash$     | $\vdash$   | -  | $\vdash$ | <del> </del>                                     | <del> </del> |                                     |
| <b></b> -    | 37<br>38   | 1 V                                     | ⊢            | <del> </del> | <u> </u>   | ⊢  | ⊢        | ├  | ├            |                                     |
| <u> </u>     | 39   | 1                                       | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | -            | -                                   |
| <del> </del> | 40   | 1                                       | -            | -            | -  | ┢  | -        |  | -            | -                                   |
|              | 41   | V                                       | ├            |              |  |  |          | $\vdash$   | $\vdash$     | Н                                   |
|              | 42   | Ļ                                       | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ |  | 一            | -                                   |
|              | 43   | $\vdash$                                | $\vdash$     | H            | <del>                                     </del> | H  | $\vdash$ | ┢  | H            | -                                   |
|              | 44   | $\vdash$                                | $\vdash$     | Н            |  | Н  | $\vdash$ | <del>                                     </del> | -            |                                     |
|              | 45   | 1                                       | T            |              |  | İ  | _        | $\vdash$   | Π            | Г                                   |
|              | 46   | $I^-$                                   | Г            | Г            |  | $\vdash$   | _        |  |              |                                     |
|              | 47   |   |              |              |  |  |          |  |              |                                     |
|              | 48   |   |              |              |  |  |          |  |              |                                     |
|              | 49   |   |              |              |  |  |          |  |              |                                     |
|              | 50   |   |              |              |  |  |          |  |              |                                     |

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|----------|----------|----------|----------|--------------|----------|--------------|--------------|----------|----------|----------|--|--|
| Cla      | im       | Date     |          |              |          |              |              |          |          |          |  |  |
| Final    | Original |          |          |              |          |              |              |          |          |          |  |  |
| -        | 51<br>52 | -        | -        |              |          |              |              | -        | _        | _        |  |  |
|          | 52       |          |          |              |          |              |              |          |          | Т        |  |  |
|          | 53       |          | _        |              | _        |              |              |          | _        | _        |  |  |
|          | 54       | _        | _        | _            | _        | _            |              |          | -        | -        |  |  |
| -        | 55       | $\vdash$ |          |              |          | -            | -            | -        | -        | $\vdash$ |  |  |
| -        | 56       | $\vdash$ | Н        | <u> </u>     | $\vdash$ | $\vdash$     | $\vdash$     | _        | H        | -        |  |  |
|          | 57       | ┝        | $\vdash$ | -            | $\vdash$ |              | $\vdash$     | <u> </u> | _        |          |  |  |
|          | 58       | -        | -        | <u> </u>     | $\vdash$ | $\vdash$     | H            | _        | -        | -        |  |  |
|          |          | -        | -        | <del> </del> | $\vdash$ | ⊢            | $\vdash$     | <u> </u> | <u> </u> |          |  |  |
|          | 59       |          | -        | -            | -        | -            | -            |          | -        | -        |  |  |
| -        | 60       | H        |          |              | H        | _            | -            | _        |          | <u> </u> |  |  |
|          | 61       |          |          |              |          | <u> </u>     | H            | <u> </u> | أحجا     |          |  |  |
|          | 62       | _        |          |              | _        | ⊢            | $\vdash$     |          |          |          |  |  |
| <u> </u> | 63       | $\vdash$ |          |              | L        | <u> </u>     | H            | <u> </u> |          | ļ        |  |  |
|          | 64       |          |          | _            | <u> </u> | <u> </u>     |              | <u> </u> |          | L        |  |  |
| ·        | 65       |          |          |              | _        | _            | <u> </u>     |          | _        | _        |  |  |
|          | 66       |          |          |              | <u> </u> | ļ            | _            | _        | _        |          |  |  |
| -        | 67       | H        | _        | _            |          | _            | L            | Щ.       |          |          |  |  |
|          | 68       |          |          | _            | _        | _            | _            | _        | _        | _        |  |  |
| -        | 69       | _        |          |              | <u> </u> | ┝            | $\vdash$     |          | _        |          |  |  |
|          | 70       |          |          |              | _        | _            | -            | _        | _        | -        |  |  |
|          | 71<br>72 |          |          |              | <u> </u> | <del> </del> |              | _        | _        |          |  |  |
|          | 73       | -        | -        | -            | ┝        | H            | ⊢            | -        |          | -        |  |  |
| -        | 74       | -        | $\vdash$ | -            |          | -            |              | -        |          | $\vdash$ |  |  |
| -        | 75       |          |          |              | -        |              | ┝            | -        | -        | -        |  |  |
|          | 76       | -        |          | _            | $\vdash$ | ┢            | -            | -        |          | $\vdash$ |  |  |
|          | 77       | -        |          | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     |          | -        | -        |  |  |
| <u> </u> | 78       | -        |          | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | _        |          | -        |  |  |
|          | 79       | -        | _        | $\vdash$     | $\vdash$ | $\vdash$     |              | $\vdash$ | Н        | $\vdash$ |  |  |
|          | 80       | -        |          |              | $\vdash$ | $\vdash$     | $\vdash$     | 一        | _        | ┢        |  |  |
|          | 81       |          |          |              | $\vdash$ | $\vdash$     |              | _        |          | -        |  |  |
| 1        | 82       |          |          | ┢            | _        | ┝            | -            |          | $\vdash$ | H        |  |  |
|          | 82<br>83 |          | Г        |              | _        |              |              | $\vdash$ |          | Т        |  |  |
|          | 84       |          |          |              |          |              |              |          |          | Г        |  |  |
|          | 85       |          |          |              |          |              |              |          |          |          |  |  |
|          | 86       |          |          |              | $\vdash$ | $\vdash$     |              |          |          |          |  |  |
|          | 87       |          |          |              |          |              |              | Г        | Г        | Г        |  |  |
|          | 88       |          |          |              | $\vdash$ | $\vdash$     |              |          |          | Г        |  |  |
|          | 89       |          |          |              |          |              |              |          |          |          |  |  |
|          | 90       |          |          |              | Г        | Г            | Г            |          |          |          |  |  |
|          | 91       |          |          |              |          |              |              |          |          |          |  |  |
|          | 92       |          |          |              |          |              |              |          |          |          |  |  |
|          | 93       |          |          |              |          |              |              |          |          |          |  |  |
|          | 94       |          |          |              |          |              |              |          |          |          |  |  |
|          | 95       |          |          |              | _        |              | <u></u>      |          | _        | _        |  |  |
|          | 96       |          |          |              | _        | _            |              |          |          |          |  |  |
|          | 97       | <u> </u> | _        | _            | _        | _            | <u> </u>     | L_       | <u> </u> | _        |  |  |
| <u></u>  | 98       | <u> </u> |          | _            | L        | _            | $oxed{oxed}$ |          | _        | <u> </u> |  |  |
|          | 99       | <u> </u> | L        |              | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | _        |  |  |
|          | 100      |          | L        |              |          | $\bot$       |              | <u> </u> | <u> </u> | L.       |  |  |

| Claim       |   | Date                                |  |          |  |  |          |              |          |          |
|-------------|---|-------------------------------------|--|----------|--|--|----------|--------------|----------|----------|
|             |   |                                     |  |          |  | Г  |          |              |          | П        |
| <del></del> | Original  |                                     |  |          |  |  |          |              |          |          |
| Final       | į   |                                     |  |          |  |  |          |              |          |          |
| щ           | ŏ   |                                     |  |          |  | ١.   |          |              | l        |          |
|             |   | _                                   |  |          |  | _  | <u> </u> |              | _        |          |
|             | 101   |                                     |  |          |  | _  | _        |              |          | <u></u>  |
|             | 102<br>103  |                                     |  |          | _  |  | _        |              | _        | L        |
|             | 103   | Щ                                   |  |          |  | <u></u>  |          |              |          | _        |
|             | 104   |                                     |  |          |  |  |          | _            | _        |          |
|             | 104<br>105  |                                     | $ldsymbol{ld}}}}}}}}$ |          |  | L  |          |              |          |          |
|             | 106   |                                     |  |          |  |  |          |              |          |          |
|             | 107   |                                     |  |          |  |  |          |              |          |          |
|             | 108   |                                     |  | <u> </u> |  |  |          |              |          |          |
|             | 108<br>109<br>110   |                                     |  |          |  |  |          |              |          |          |
|             | 110   |                                     |  |          |  |  |          |              |          |          |
|             | 111   |                                     |  |          |  | Π  |          |              |          |          |
|             | 112   |                                     |  |          |  |  |          |              |          |          |
|             | 113   |                                     |  |          |  |  |          |              |          |          |
|             | 114   |                                     |  |          |  | $\vdash$   |          |              | _        |          |
|             | 115   |                                     |  |          |  |  |          |              |          |          |
|             | 116   | П                                   |  | П        | _  | _  |          |              |          | П        |
|             | 117   |                                     | <u> </u>   |          |  | <u> </u>   |          |              | <u> </u> |          |
|             | 118   |                                     |  |          |  |  |          | H            | $\vdash$ | _        |
|             | 111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | $\vdash$                            | $\vdash$   | $\vdash$ | $\vdash$   | <del>                                     </del> |          |              |          |          |
|             | 120   |                                     | $\vdash$   |          | -  | ┢  | -        |              |          |          |
|             | 121   | _                                   | ┢  | -        | -  | -  | -        | -            | _        |          |
|             | 122   |                                     | ┢  | -        |  |  | -        |              |          | -        |
|             | 122   | -                                   | $\vdash$   | $\vdash$ | _  | $\vdash$   |          | -            |          | -        |
|             | 123   | _                                   | $\vdash$   | -        | _  | -  |          | $\vdash$     | _        |          |
|             | 124   |                                     | -  | <u> </u> | _  | -  |          | $\vdash$     | -        | H        |
|             | 120   | _                                   | _  | -        |  | ├  | _        | -            | -        | -        |
|             | 126   |                                     | _  | $\vdash$ | _  | ⊢  | $\vdash$ | -            | -        | -        |
|             | 127   |                                     | _  | $\vdash$ |  | ⊢  | _        | _            | <u> </u> | H        |
|             | 128   |                                     | _  | L        |  | _  |          |              | <u> </u> | _        |
|             | 129   |                                     |  | <u> </u> | _  | <u> </u>   |          |              |          |          |
|             | 130<br>131  |                                     | ,  |          |  |  | _        |              | $\vdash$ |          |
|             | 131   | _                                   |  | <u> </u> |  | _  |          | <u> </u>     | <u> </u> |          |
|             | 132   | <u> </u>                            | L  | <u> </u> | L  | <u> </u>   | <u> </u> | <u> </u>     | _        | <u> </u> |
|             | 133<br>134  | L_                                  | L_   | <u> </u> | L_   | <u> </u>   | L_       | <u> </u>     |          | Ш        |
|             | 134   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |          |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |          |              | _        |          |
|             | 135   |                                     | L  |          |  | $ldsymbol{f eta}$                                |          |              |          |          |
|             | 136   |                                     |  |          |  |  |          |              |          |          |
|             | 137   |                                     |  |          |  |  |          |              |          |          |
|             | 138   |                                     |  |          |  |  |          |              |          |          |
|             | 139   |                                     |  |          |  |  |          |              |          |          |
|             | 140   |                                     |  |          |  | L  |          |              |          |          |
|             | 141   |                                     |  |          |  |  |          |              |          |          |
|             | 142   |                                     |  |          |  |  |          |              |          |          |
|             | 143   |                                     |  |          |  |  |          |              |          | П        |
|             | 144   |                                     | $\vdash$   |          |  |  | Г        | Г            |          |          |
|             | 145   |                                     | _  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | _        |          |
|             | 146   |                                     | $\vdash$   | $\vdash$ |  | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ |          |
|             | 147   | $\vdash$                            | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ |          |
|             | 148   | -                                   | -  | $\vdash$ | -  | -  | -        | $\vdash$     | -        | $\vdash$ |
|             | 149   | -                                   | -  | ├─       | ├  | -  | -        | $\vdash$     | -        | -        |
|             |   | $\vdash$                            | ├-   | $\vdash$ |  | -  |          | <del> </del> | -        | $\vdash$ |
|             | 150   |                                     | L  | L        | L  | <u> </u>   | Ц.       | L            |          |          |